

0995660-11601

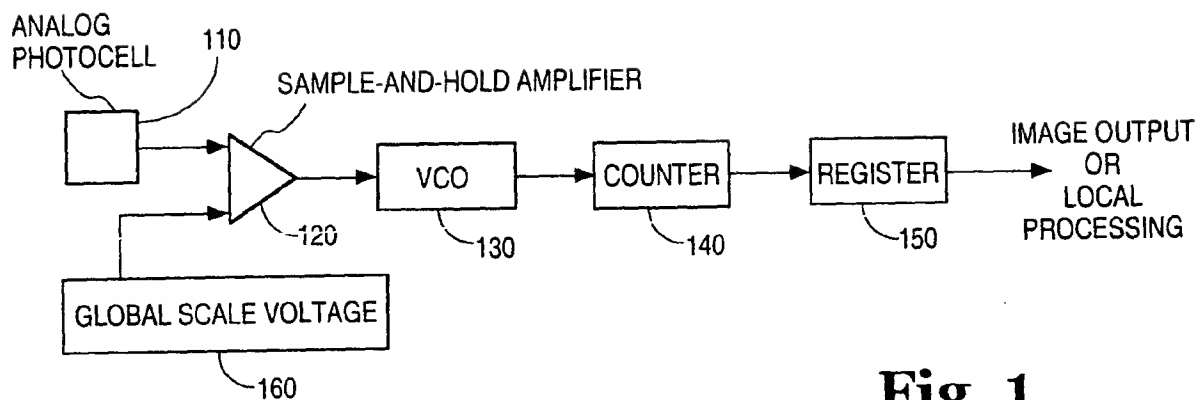


Fig. 1

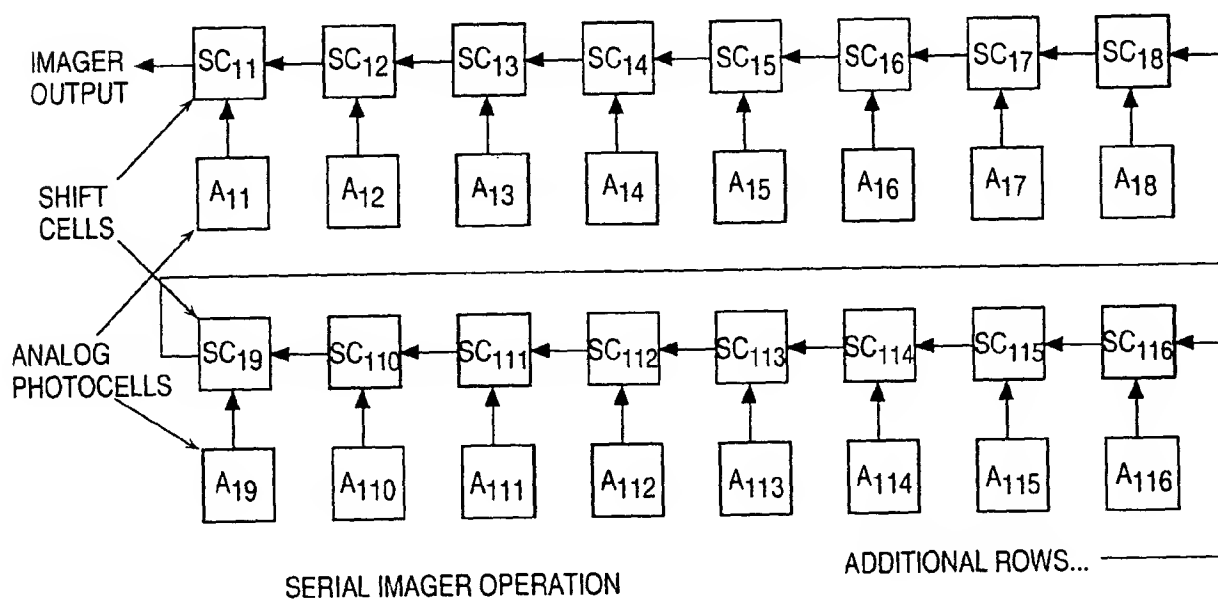


Fig. 2

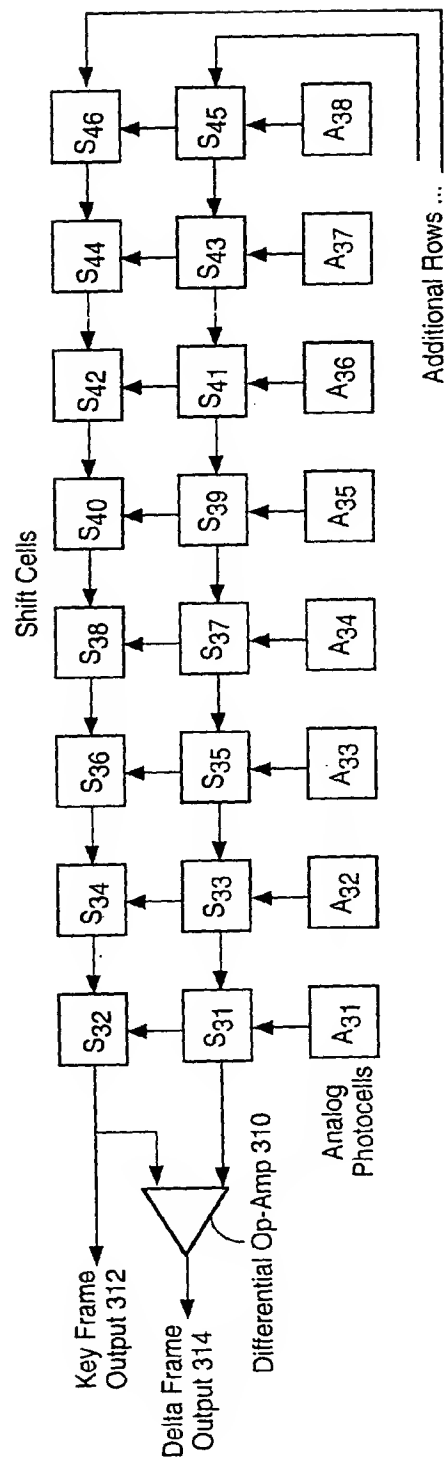
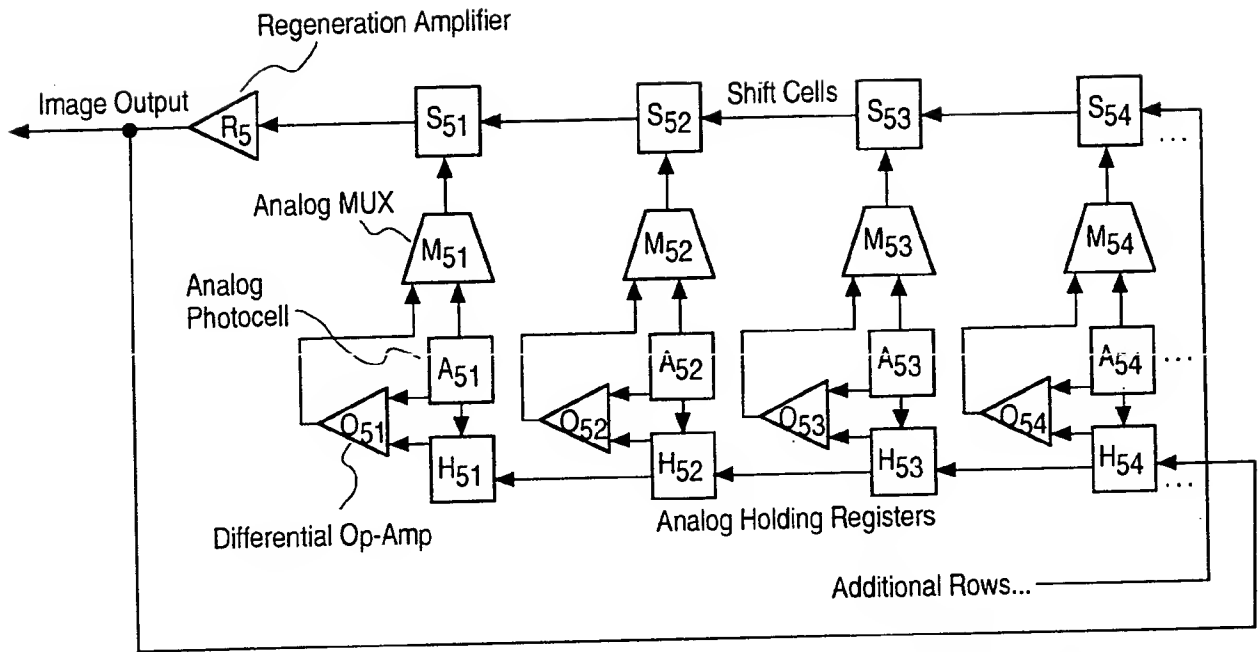


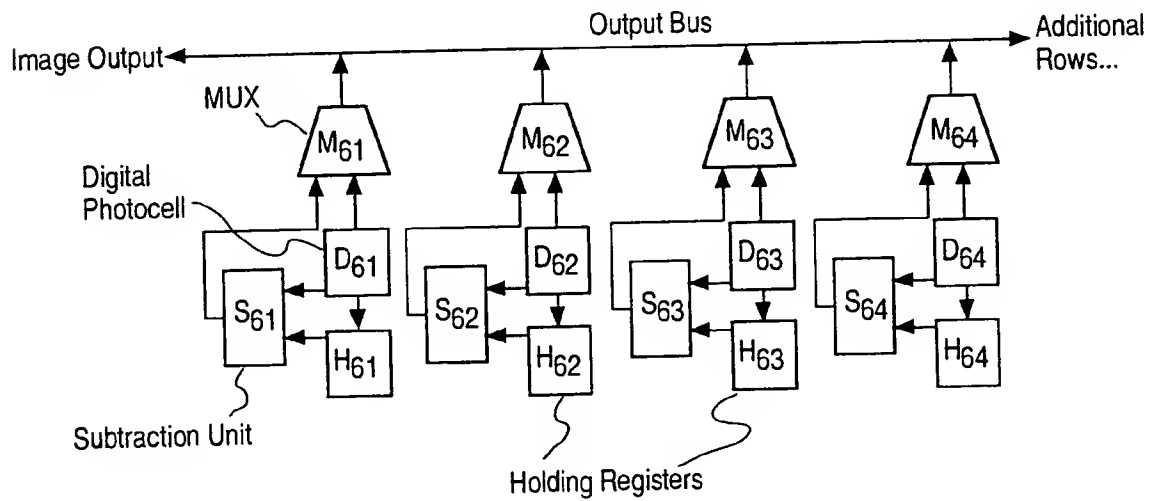
Fig. 3

The diagram illustrates a regenerative feedback system with two rows of cells. The top row, labeled 'FIRST ROW' and 'LAST ROW', consists of cells  $S_0$  through  $S_N$ . The bottom row, labeled 'FIRST ROW' and 'LAST ROW', consists of cells  $C_0$  through  $C_N$ . Each cell in the bottom row has an input from a corresponding cell in the top row (e.g.,  $A_0$  to  $C_0$ ,  $A_1$  to  $C_1$ , etc.). The output of the top row is fed into an OP-AMP 410, which produces a 'DIFFERENCE FRAME'. The output of the bottom row is fed into an OP-AMP 420, which produces a 'CURRENT FRAME'. The 'CURRENT FRAME' is fed back into the top row, and the 'DIFFERENCE FRAME' is fed back into the bottom row, creating a regenerative feedback loop.

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**Fig. 5**



**Fig. 6**